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PROCESS FOR THE PREPARATION OF STYRENE

ABSTRACT

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The invention relates to a process for the preparation of styrene comprising the gas phase dehydration of 1-phenylethanol at elevated temperature in the presence of a dehydration catalyst in which the dehydration catalyst is a shaped alumina catalyst particles having a surface area (BET) of from 80 to

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140 m²/g and a pore volume (Hg) of more than 0.65 ml/g.